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Dräger
MEDICAL

Field Service Procedure

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Fabius GS®
Power Supply Adapter Kit

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Fabius GS
Power Supply Adapter Kit

INSTALLATION PROCEDURE

Instructions for installing DC Power Adapter Cable

1. Ensure the Fabius GS machine is switched OFF and unplug the AC line cord from the machine.

2. Disconnect all attachments from the interface panel on the rear of the machine, then remove the back plate from the machine to gain access to the power supply mounted on the back cover.

3. Unplug the 8-pin connector of the cable assembly from the output of the power supply.

4. Install the Power Adapter Cable (P/N 4118398) (See Figure 1) such that the removed end of the cable assembly mates to the male end of the Power Adapter Cable and the female end of the Power Adapter Cable mates to the 8-pin connector of the power supply. (See Figure 3).

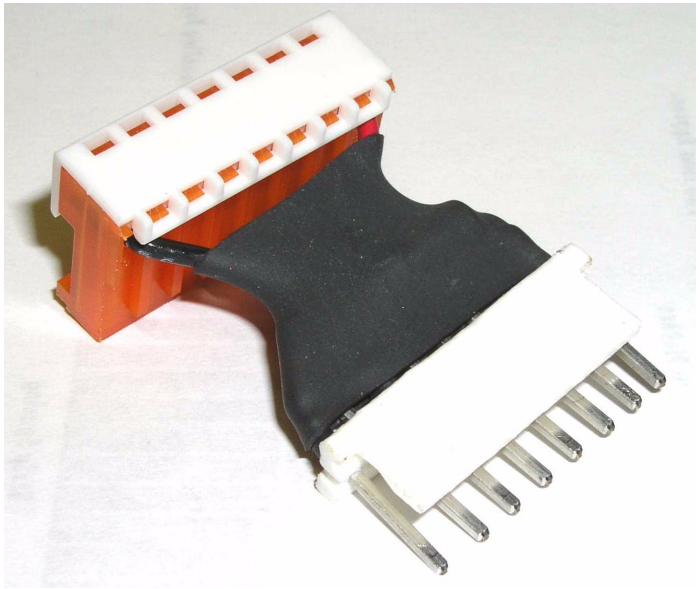

FIGURE 1. Power Adapter Cable - P/N 4118398

INSTALLATION PROCEDURE (continued)

5. Remove the cover from the 4-pin connector located at J6 of the main PCB. Connect the positive lead of a voltmeter to the red lead/contact (pin 1) and the negative lead of the voltmeter to the black lead/contact (pin 4). Refer to Figure 2 for the location of J6.

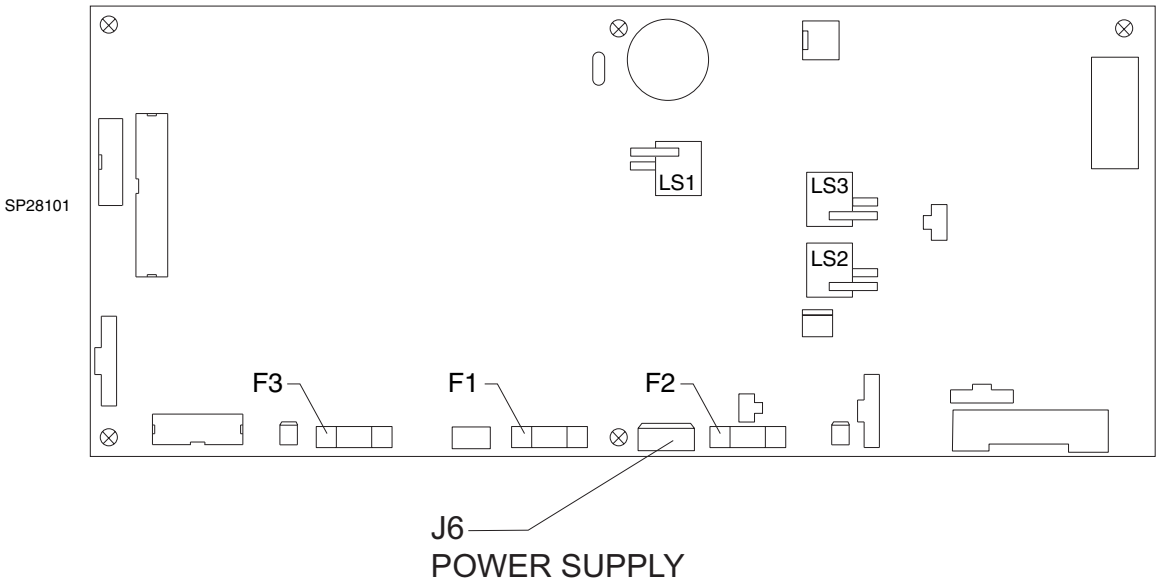

FIGURE 2. J6 Location

6. Reconnect the AC line cord.

CAUTION: The power supply should now be ON.

7. Adjust R14 on the power supply for a voltmeter reading of 27.9Vdc to 28.3Vdc. Refer to Figure 3 for the location of R14.

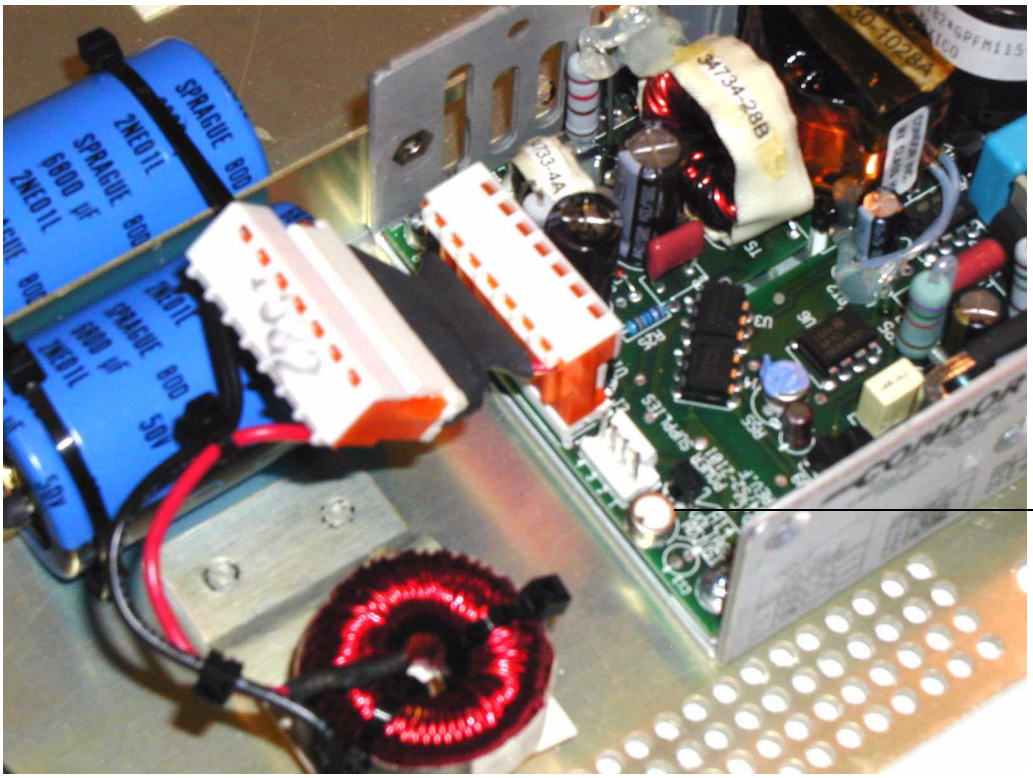

FIGURE 3. Power Adapter Cable Connection

8. Unplug the AC line cord to remove power to the power supply.
9. Remove the voltmeter leads.
10. Re-install the cover to the 4-pin connector.
11. Re-install the back plate of the machine and reconnect all necessary attachments to the interface panel.
12. Re-install the AC line cord.

Performance Test:

1. Turn power switch to the ON position.
2. From Standby screen, press Volume Control and then confirm.
3. Remove AC power cord from AC source.
4. Verify unit has switched to the back-up battery as indicated on the display and the Mains Power Led, located on the diaplay panel, extinguishes within approximately 3 minutes.

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